

157163

MONSANTO		CORPORATE ENGINEERING DEPARTMENT		PROJECT VARIANCE	
CEA	TITLE	AR NO.	DATE	VAR NO	
3808	Main South Trunk Sewer	CEA 3808	09/13/83	1	
PRODUCT	N/A	COMPANY	MIC	PLANT	
				W.G. Krummrich	
COST ELEMENT, \$k	CAPITAL	EXPENSE	VARIANCE CLASSIFICATION		
EXPENDED	25	0			
COMMITTED	0	0	[] PROJECT SCOPE		
EST. TO COMPLETE	4,975	700			
PENDING VARIANCES	0	0	[] PROCESS PREMISES		
THIS VARIANCE	0	0			
UNDEVELOPED DESIGN	0	0	[X] SITE PREMISES		
NEW EST'D FINAL COST	5,000	700			
AR ESTIMATE	5,000	700	[] DESIGN & CONSTRUCTION FACTORS		
(OVER)/UNDER RUN	0	0			
CONT. BEFORE THIS VAR.	414	98	[] ESTIMATING FACTORS		
CONT. AFTER THIS VAR.	414	98			
TOTAL VARIANCES SUMMARY INCLUDING THIS ONE					

NUMBER OF VARIANCES	COST TO DATE, \$k	
	CAPITAL	EXPENSE
SUM OF PROJECT SCOPE, PROCESS PREMISES, AND SITE PREMISES VARIANCES	0	0
SUM OF DESIGN & CONSTRUCTION FACTORS AND ESTIMATING FACTORS VARIANCES	0	0

DESCRIPTION, JUSTIFICATION, EFFECT ON PROJECT SCHEDULE, COST.

This project will install a new 42" diameter acid resistant sewer to pick up the discharges at the south end of the plant.

Description: This variance notes that the sewer routing previously agreed to in the strategy meeting has been changed for certain portions of the line.

Justification: Since approval of the Project Definition Report, an agreement was made to deed this sewer to the Village of Sauget five years after completion, at which time they will also receive a 20' easement on Monsanto's property.

APPROVAL AS INDICATED		DISTRIBUTION TO THOSE APPROVING AND:	
TITLE & NAME	NOTED, APPVD DATE		
D.R. Bowers/R.L. Wiese	9/17/83	G.A. Grundmann - CS6G	
Mgrs. Engrg. - CS6G	9/16/83	S.R. Hinds - B2NL	
J.O. Bright - CS6G	9/21/83	E.W. Jones/M.J. Quirk - FLEA	
Op. Co. Director	9/21/83	S. Lands - F2ED/R.G. Murphy - 1740	
V.T. Matteucci - B2SC	9/21/83	F.B. Matthews - 1740	
Dir., Mfg. MIC	9/21/83	F.A. Mayse - CS6G	
R.L. Nelson - 1740	9/23/83	J.W. Molloy - 1740	
Mfg. Rep.	9/23/83	R.L. Nelson - 1740	

WCK 4084912

This easement will restrict the use of some valuable land on which future projects could be erected. In order to minimize infringement on this land, the plant requested that the new sewer be moved as close to the existing sewer as possible. Discussions with contractors and soil consultants, as well as internal discussions, have resulted in an agreement to move the new sewer 25' away from the existing sewer (was 40-50'). This is as close as the project team feels we should get consistent with maintaining a reasonable risk of not disturbing the existing sewer.

Effect on Project Schedule: None.

Effect on Project Cost: This variance does not indicate any increased cost resulting from this site premise change. However, it must be recognized that the risk of incurring additional costs due to disturbing the existing sewer has increased because of the two sewers being moved closer together.

G. A. Grundmann

G. A. Grundmann
Project Manager

mb/6205Y

WGK 4084913